

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. 1.8A)

I hereby certify that this correspondence is, on the date shown below, being:

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Patents, P.O. Box 1450, Alexandria, VA 22313-
1450

_____ FACSIMILE
transmitted by facsimile to the Patent and
Trademark Office.

Date: 28 December 2004

Lisa L. Pringle
Signature
Lisa L. Pringle
(type or print name of person certifying)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
)
Carrozza, et al.) Group Art Unit: 2631
)
Serial No.: 09/239,871)
)
Filed: 29 January 1999) Examiner: Pankaj Kumar
)

For: *Buffering and Sequencing of Soft Decisions of Multiple Channels into a Single Shared Biorthogonal Decoder*

AMENDMENT AND RESPONSE TO OFFICE ACTION

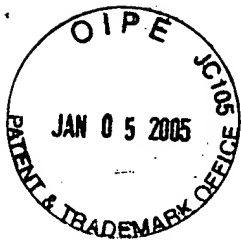
Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated November 16, 2004, issued in connection with the above-identified application, please enter and consider the following amendments and remarks.

Amendments to the claims are reflected in the listing of the claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 10 of this paper.



2631

PATENT

ATTORNEY DOCKET NO.: NG(ST)7292

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Carrozza, et al.

Confirmation No.: 6639

Application No.: 09/239,871

Examiner: Pankaj Kumar

Filing Date: 29 January 1999

Group Art Unit: 2631

Title: Buffering and Sequencing of Soft Decisions of Multiple Channels into a Single Shared Biorthogonal Decoder

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- | | | | |
|-------------------------------------|-----------------------------|--------------------------|-----------------------------------|
| <input checked="" type="checkbox"/> | Response/Amendment | <input type="checkbox"/> | Request to extend time to respond |
| <input type="checkbox"/> | New fee as calculated below | <input type="checkbox"/> | Supplemental Declaration |
| <input checked="" type="checkbox"/> | No additional fee | | |
| <input type="checkbox"/> | Other: _____ (fee \$ _____) | | |

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
FOR	CLAIMS REMAINING AFTER AMENDMENT	NUMBER EXTRA	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEES
TOTAL CLAIMS		MINUS		0	\$50.00	\$0.00
INDEP. CLAIMS		MINUS		0	\$200.00	\$0.00
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM					\$360.00	
EXTENSION FEE	1ST MONTH	2ND MONTH	3RD MONTH	4TH MONTH		
	\$120.00 <input type="checkbox"/>	\$450.00 <input type="checkbox"/>	\$1,020.00 <input type="checkbox"/>	\$1,590.00 <input type="checkbox"/>		
					OTHER FEES	
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$0.00

Charge \$ _____ to Deposit account 20-0090. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 20-0090 pursuant to 36 CFR 1.25. Additionally, please charge any fees to Deposit Account 20-0090 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

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Date: December 28, 2004

Lisa L. Pringle

Lisa L. Pringle
Signature

Respectfully submitted,

By

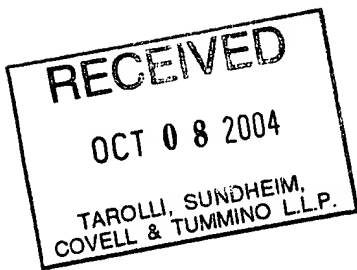
Christopher P. Harris

Attorney/Agent for Applicant(s)

Reg. No.: 43,660

Date: December 28, 2004

Telephone: (216)621-2234



NG(ST)7292
CPH

PLEASE DATE AND RETURN

Date Mailed 09/30/04 Item NEW POA
TITLE BUFFERING AND SEQUENCING OF SOFT DECISIONS OF MULTIPLE CHANNELS INTO A
SINGLE SHARED BIORTHOGONAL DECODER
Applicant CARROZZA, ET AL. Serial No. 09/239,871

EXPRESS MAIL NO.

FILING DATE 01/29/99

ATTY(S) CPH:LLP

DOCKET NO. NG(ST)7292

DUE DATE

☐ PATENT APPLN (☐ NEW ☐ CON ☐ DIV ☐ CIP ☐ CPA ☐ PCT ☐ PROVISIONAL

☐ TRANSMITTAL/REQUEST

☐ DECLARATION/POA

☐ ISSUE FEE TRANSMITTAL

☐ PAGES OF SPECIFICATION

☐ ASSIGN COVER SHEET

☐ MAIN FEE TRANSMITTAL

☐ SHEETS OF DRAWINGS

☐ IDS/1449/REFS

☐ LTR. OFF. DRAFTSMAN

☐ FORMAL ☐ INFORMAL

☐ PRIORITY DOCUMENTS

☐ NOTICE OF APPEAL

☐ EXPRESS MAIL CERTIFICATE

☐ CHECK I/A/O \$

☐ APPEAL BRIEF

☐ AMENDMENT

☐ TRADEMARK/SERVICE APP.

☒ NEW POA

☐ TRANSMITTAL

☐ SPECIMEN(S) ☐ ST. OF USE

☒ CHANGE OF CORRESPONDENCE ADDRESS

NORTHROP GRUMMAN REF. NO.

22-0071

RECEIPT ACKNOWLEDGED

